
TITLE 326 AIR POLLUTION CONTROL BOARD**SECOND NOTICE OF COMMENT PERIOD**

LSA Document #07-438

DEVELOPMENT OF AMENDMENTS TO RULES CONCERNING COMPLIANCE DETERMINATIONS WITH PARTICULATE MATTER LIMITATIONS FOR CERTAIN FACILITIES SUBJECT TO [326 IAC 6.5](#) AND [326 IAC 6.8](#)**PURPOSE OF NOTICE**

The Indiana Department of Environmental Management (IDEM) has developed draft rule language for amendments to [326 IAC 6.5](#) and [326 IAC 6.8](#) concerning the use of alternative methods for the determination of compliance with particulate matter emission limits as well as language clarifying applicability at [326 IAC 6-3-1](#). By this notice, IDEM is soliciting public comment on the draft rule language. IDEM seeks comment on the affected citations listed and any other provisions of Title 326 that may be affected by this rulemaking.

HISTORY

First Notice of Comment Period: July 25, 2007, Indiana Register (DIN: [20070725-IR-326070438FNA](#)).

CITATIONS AFFECTED: [326 IAC 6-3](#); [326 IAC 6.5](#); [326 IAC 6.8](#).

AUTHORITY: [IC 13-14-8](#); [IC 13-17-3-11](#).

SUBJECT MATTER AND BASIC PURPOSE OF RULEMAKING**Basic Purpose and Background**

The purpose of this rulemaking is to amend [326 IAC 6.5](#) and [326 IAC 6.8](#) to allow certain operations subject to particulate matter emission limits to demonstrate compliance with those limits by implementing identified work practices and control technologies.

Provisions in [326 IAC 6.5](#) establish particulate matter control measures and emission limits for several Indiana counties previously designated as nonattainment of the National Ambient Air Quality Standards (NAAQS) for particulate matter. Particulate matter limits and control requirements in [326 IAC 6.5](#) apply to facilities located in Clark, Dearborn, Dubois, Howard, Marion, St. Joseph, Vanderburgh, Vigo, and Wayne counties. These control requirements for the listed counties include facility specific particulate matter emission limitations, a general particulate matter emission limit for all facilities, and industry specific particulate matter emission limits for fuel combustion generators, asphalt concrete plants, grain elevators, gray iron foundries, glass container manufacturing furnace operations, and mineral aggregate operations. In [326 IAC 6.5-1-2](#), a general particulate matter emission limit of 0.07 gram per dry standard cubic meter (g/dscm) (0.03 grain per dry standard cubic foot (dscf)) is established.

Provisions in [326 IAC 6.8](#) establish similar particulate matter control measures and emission limits for facilities located in Lake County. A general particulate matter emission limit of 0.07 gram per dry standard cubic meter (g/dscm) (0.03 grain per dry standard cubic foot (dscf)) is established in [326 IAC 6.8-1-2](#).

Operations subject to particulate matter emission limits established in [326 IAC 6.5](#) and [326 IAC 6.8](#) must conduct testing consistent with procedures listed in 40 CFR 60, Appendix A, Methods 1-5, if required to test. Alternative procedures for determining compliance with the limits in [326 IAC 6.5](#) and [326 IAC 6.8](#) are permitted but must be jointly approved by the commissioner and the United States Environmental Protection Agency (U.S. EPA). Provisions in [326 IAC 6.5-1-4](#) provide testing time frames for newly subject sources unless the commissioner has determined that a performance test is not required.

IDEM is proposing to apply the work practice standards listed in [326 IAC 6-3-2\(d\)](#) for small scale manufacturing operations, such as surface coating, reinforced plastics composites fabricating manufacturing processes, and graphic arts manufacturing processes to sources in [326 IAC 6.5-1-2](#) and [326 IAC 6.8-1-2](#) as a feasible way to demonstrate compliance with particulate matter limitations.

The process weight rate rule at [326 IAC 6-3-1](#) currently exempts manufacturing processes that are subject to more stringent PM limitations in other rules. IDEM is also proposing to revise [326 IAC 6-3-1](#) to clarify that the PM limitation in the other rule could be equal in stringency or more stringent to be exempt from [326 IAC 6-3-1](#). It is not IDEM's intention to require sources to be subject to duplicative standards with similar requirements for surface coating in both [326 IAC 6-3](#) and [326 IAC 6.5](#) or [326 IAC 6.8](#). Sources could be subject to both rules without this amendment.

[IC 13-14-9-4](#) Identification of Restrictions and Requirements Not Imposed under Federal Law

No element of the draft rule imposes either a restriction or a requirement on persons to whom the draft rule applies that is not imposed under federal law. This rulemaking proposes to provide equivalent requirements for a restriction already required by federal law. The emission limits in [326 IAC 6.5](#) and [326 IAC 6.8](#) are part of

Indiana's state implementation plan that is approved by the U.S. EPA.

Potential Fiscal Impact

There is minimal potential fiscal impact associated with this rulemaking. Affected entities would have already been operating a fabric filter or equivalent control device to show compliance with the existing 0.03 gr/dscf limit in [326 IAC 6.5](#) or [326 IAC 6.8](#). Smaller sources subject to [326 IAC 6.5](#) or [326 IAC 6.8](#), such as those operating with a minor source operating permit (MSOP) could be required to do burdensome daily inspections for overspray under the current rule due to monitoring requirements in their permit. The proposed amendments allowing surface coating, reinforced plastics composites fabricating manufacturing processes, and graphic arts manufacturing processes of any size to show compliance with the particulate matter limit using work practice standards could result in a potential cost savings.

Public Participation and Workgroup Information

No workgroup is planned for the rulemaking. If you feel that a workgroup or other informal discussion on the rule is appropriate, please contact Susan Bem, Rule and State Implementation Plan Development Section, Office of Air Quality at (317) 233-5697 or (800) 451-6021 (in Indiana).

SUMMARY/RESPONSE TO COMMENTS FROM THE FIRST COMMENT PERIOD

IDEM requested public comment from July 25, 2007, through August 24, 2007, on alternative ways to achieve the purpose of the rule and suggestions for the development of draft rule language. IDEM received comments from the following parties by the comment period deadline:

Indiana Cast Metals Association (INCMA)

Citizens Thermal Energy (CTE)

Following is a summary of the comments received and IDEM's responses thereto:

Comment: Amend the rules to clarify that the 0.03 gr/dscf emission limit only applies to emissions that exit a stack, vent or equivalent opening. It doesn't make sense to apply this limit to fugitive emissions because compliance cannot be demonstrated by a stack test or emission calculation. IDEM has at least informally made this interpretation more or less consistently over the past two years. (INCMA)

Response: The applicability section of this rule does not distinguish between fugitive and non-fugitive emissions. Therefore the limit would apply to both fugitive and non-fugitive emissions from facilities that meet the applicability requirements. IDEM is willing to work with industry to develop work practice standards or other compliance monitoring provisions that will allow a source to ensure compliance with these limits. However, given that IDEM did not receive specific suggestions from industry representatives. IDEM will not be addressing other industries in this rule making. IDEM will continue to work with industry on a case-by-case basis to address this issue.

Comment: At [326 IAC 6.5-6-23](#), change "IPL Perry K" to "Citizens Thermal Energy – C.C. Perry K Steam Plant" to reflect the current owner and facility name. Remove the fuel designations associated with Boilers 11 through 18. (CTE)

Response: Updates to address these requested changes were addressed in another rulemaking that became effective in 2008 (LSA Document #04-279).

REQUEST FOR PUBLIC COMMENTS

This notice requests the submission of comments on the draft rule language, including suggestions for specific revisions to language to be contained in the draft rule. Mailed comments should be addressed to:

#07-438 (APCB) PM Compliance Determinations

Susan Bem Mail Code 61-50

Rule and SIP Development Section

Office of Air Quality

Indiana Department of Environmental Management

100 North Senate Avenue

Indianapolis, IN 46204

Hand delivered comments will be accepted by the receptionist on duty at the tenth floor reception desk, Office of Air Quality, 100 North Senate Avenue, Indianapolis, Indiana.

Comments may be submitted by facsimile at the IDEM fax number: (317) 233-5967, Monday through Friday, between 8:15 a.m. and 4:45 p.m. Please confirm the timely receipt of faxed comments by calling the Rule and State Implementation Plan Development Section at (317) 234-6530.

COMMENT PERIOD DEADLINE

Comments must be postmarked, faxed, or hand delivered by August 26, 2011.

Additional information regarding this action may be obtained from Susan Bem, Rule and State Implementation Plan Development Section, Office of Air Quality, (317) 233-5697 or (800) 451-6027 (in Indiana).

DRAFT RULE

SECTION 1. [326 IAC 6-3-1](#) IS AMENDED TO READ AS FOLLOWS:

[326 IAC 6-3-1](#) Applicability

Authority: [IC 13-14-8](#); [IC 13-17](#)

Affected: [IC 13-15](#)

Sec. 1. (a) This rule establishes emission limitations for particulate emissions from manufacturing processes located anywhere in the state.

(b) The following manufacturing processes are exempt from this rule:

- (1) Combustion for indirect heating.
- (2) Incineration.
- (3) Open burning.
- (4) Existing foundry cupolas' manufacturing processes that are subject to the requirements of [326 IAC 11-1](#).
- (5) Surface coating using dip coating.
- (6) Surface coating using roll coating.
- (7) Surface coating using flow coating.
- (8) Surface coating using brush coating.
- (9) Welding, provided that less than six hundred twenty-five (625) pounds of rod or wire is consumed per day.
- (10) Torch cutting, provided that less than three thousand four hundred (3,400) inches per hour of stock one (1) inch thickness or less is cut.
- (11) Noncontact cooling tower systems.
- (12) Applications of aerosol coating products to repair minor surface damage and imperfections.
- (13) Trivial activities as defined at ~~[326 IAC 2-7-1\(40\)](#)~~. **[326 IAC 2-7-1\(41\)](#)**.
- (14) Manufacturing processes with potential emissions less than five hundred fifty-one thousandths (0.551) pound per hour.
- (15) Surface coating manufacturing processes, not otherwise exempt in subdivisions (5) through (8), that use less than five (5) gallons per day.

(c) This rule shall not apply if a particulate matter limitation **that is as stringent as or more stringent than the particulate limitation established in this rule is** established in:

- (1) [326 IAC 2-2-3](#), concerning prevention of significant deterioration (PSD) best available control technology (BACT) determinations contained in a permit;
- (2) [326 IAC 2-3-3](#), concerning lowest achievable emission rate (LAER) determinations contained in a permit;
- (3) [326 IAC 6.5](#) and [326 IAC 6.8](#), concerning particulate matter emissions;
- (4) [326 IAC 11](#), concerning existing emission limitations for specific operations;
- (5) [326 IAC 12](#), concerning new source performance standards; or
- (6) [326 IAC 20](#), concerning national emission standards for hazardous air pollutants.

~~is more stringent than the particulate limitation established in this rule.~~

(Air Pollution Control Board; [326 IAC 6-3-1](#); filed Mar 10, 1988, 1:20 p.m.: 11 IR 2499; filed Apr 22, 1997, 2:00 p.m.: 20 IR 2367; filed May 13, 2002, 11:30 a.m.: 25 IR 3051; errata filed Oct 19, 2005, 4:28 p.m.: 29 IR 819)

SECTION 2. [326 IAC 6.5-1-1](#) IS AMENDED TO READ AS FOLLOWS:

[326 IAC 6.5-1-1](#) Applicability

Authority: [IC 13-14-8](#); [IC 13-17](#)

Affected: [IC 13-15](#)

Sec. 1. (a) Except as provided in subsections (b) ~~and (e)~~, **through (d)**, sources or facilities located in the counties of Clark, Dearborn, Dubois, Howard, Marion, St. Joseph, Vanderburgh, Vigo, or Wayne shall comply with the limitations in:

- (1) [326 IAC 6.5-2](#) through [326 IAC 6.5-10](#), if the source or facility is specifically listed in [326 IAC 6.5-2](#) through [326 IAC 6.5-10](#); or
- (2) section 2 of this rule, if the source or facility is not specifically listed in [326 IAC 6.5-2](#) through [326 IAC 6.5-](#)

[10](#), but has:

- (A) the potential to emit one hundred (100) tons or more; or
 - (B) actual emissions of ten (10) tons or more;
- of particulate matter per year.

(b) Particulate limitations shall not be established for combustion units that burn only natural gas at sources or facilities identified in [326 IAC 6.5-2](#) through [326 IAC 6.5-10](#), as long as the units continue to burn only natural gas.

(c) Particulate limitations shall not be established for surface coating, reinforced plastics composites fabricating manufacturing processes, and graphic arts manufacturing processes that use the following:

- (1) Dip coating.**
- (2) Roll coating.**
- (3) Flow coating.**
- (4) Brush coating.**
- (5) Less than five (5) gallons of coating per day.**

(e) **(d)** If the limitations in [326 IAC 6.5-2](#) through [326 IAC 6.5-10](#) and section 2 of this rule conflict with or are inconsistent with limitations established in [326 IAC 12](#), then the more stringent limitation shall apply.

(Air Pollution Control Board; [326 IAC 6.5-1-1](#); filed Aug 10, 2005, 1:00 p.m.: 28 IR 3454)

SECTION 3. [326 IAC 6.5-1-2](#) IS AMENDED TO READ AS FOLLOWS:

[326 IAC 6.5-1-2](#) Particulate emission limitations; modification by commissioner

Authority: [IC 13-14-8](#); [IC 13-17](#)

Affected: [IC 13-15](#)

Sec. 2. (a) Particulate matter emissions from facilities constructed after applicable dates in subsections (c) and (d) or not limited by subsection (b), (e), (f), ~~or~~ (g), **or (h)** shall not exceed seven-hundredths (0.07) gram per dry standard cubic meter (g/dscm) (three-hundredths (0.03) grain per dry standard cubic foot (dscf)).

(b) Fuel combustion steam generators are limited to the following particulate matter emissions limitations:

(1) For solid fuel-fired generators that have:

- (A) greater than sixty-three million (63,000,000) kilocalories (kcal) per hour heat input (two hundred fifty million (250,000,000) Btu), a particulate matter content of ~~no~~ **not** greater than eighteen-hundredths (0.18) gram per million calories (one-tenth (0.10) pound per million Btu);
- (B) equal to or greater than six million three hundred thousand (6,300,000) kcal per hour heat input, but less than or equal to sixty-three million (63,000,000) kcal per hour heat input (equal to or greater than twenty-five million (25,000,000) Btu, but less than or equal to two hundred fifty million (250,000,000) Btu), a particulate matter content of ~~no~~ **not** greater than sixty-three hundredths (0.63) gram per million calories (thirty-five hundredths (0.35) pound per million Btu); or
- (C) less than six million three hundred thousand (6,300,000) kcal per hour heat input (twenty-five million (25,000,000) Btu), a particulate matter content of ~~no~~ **not** greater than one and eight-hundredths (1.08) grams per million calories (six-tenths (0.6) pound per million Btu).

(2) For all liquid fuel-fired steam generators, a particulate matter content of ~~no~~ **not** greater than twenty-seven hundredths (0.27) gram per million kcal (fifteen-hundredths (0.15) pound per million Btu).

(3) For all gaseous fuel-fired steam generators, a particulate matter content of ~~no~~ **not** greater than one-hundredth (0.01) grain per dry standard cubic foot (dscf).

(c) Asphalt concrete plants **are limited to particulate matter emissions of not greater than two hundred thirty (230) mg per dscm (one-tenth (0.1) grain per dscf)**, if in existence on or before June 11, 1973, and consisting of, but not limited to:

- (1) driers;
- (2) systems for:
 - (A) screening, handling, storing, and weighing hot aggregate;
 - (B) loading, transferring, and storing mineral filler; and
 - (C) mixing asphalt concrete; and

(3) the loading, transfer, and storage systems associated with emission control systems.
~~are limited to particulate matter emissions of no greater than two hundred thirty (230) mg per dscm (one-tenth (0.1) grain per dscf).~~

(d) The following are the requirements for grain elevators:

(1) For grain elevators that began construction or modification before January 13, 1977, any grain storage elevator located at any grain processing source that has a permanent grain storage capacity of thirty-five thousand two hundred (35,200) cubic meters (one million (1,000,000) U.S. bushels) or more, and any grain terminal elevator that has a permanent grain storage capacity of eighty-eight thousand one hundred (88,100) cubic meters (two million five hundred thousand (2,500,000) U.S. bushels) or more shall be limited to particulate matter emissions of ~~no~~ **not** greater than seven-hundredths (0.07) g/dscm (three-hundredths (0.03) grain per dscf).

(2) All grain elevators subject to this article shall provide for housekeeping and maintenance procedures that minimize the opportunity for particulate matter to become airborne and leave the property, such as the following:

(A) Housekeeping practices shall be conducted as follows:

(i) Areas to be swept and maintained shall include, at a minimum, the following:

(AA) General grounds, yard, and other open areas.

(BB) Floors, decks, hopper areas, loading areas, dust collectors, and all areas of dust or waste concentrations.

(CC) Grain driers with respect to accumulated particulate matter.

(ii) Cleanings and other collected waste material shall be handled and disposed of so that the area does not generate fugitive dust.

(iii) Dust from driveways, access roads, and other areas of travel shall be controlled.

(iv) Accidental spills and other accumulations shall be cleaned up as soon as possible but no later than completion of the day's operation.

(B) Equipment maintenance shall consist of procedures that eliminate or minimize emissions from equipment or a system caused by the following:

(i) Malfunctions.

(ii) Breakdowns.

(iii) Improper adjustment.

(iv) Operating above the rated or designed capacity.

(v) Not following designed operating specifications.

(vi) Lack of good preventive maintenance care.

(vii) Lack of critical and proper spare replacement parts on hand.

(viii) Lack of properly trained and experienced personnel.

(C) Emissions from the affected areas, operations, equipment, and systems shall not exceed twenty percent (20%) opacity as determined under [326 IAC 5-1](#).

(e) Gray iron foundries shall be limited to the following:

(1) Any cupola of a gray iron foundry shall be limited to particulate matter emissions of ~~no~~ **not** greater than thirty-four hundredths (0.34) g/dscm (fifteen-hundredths (0.15) grain/dscf).

(2) Any melting process, excluding any cupola, of a gray iron foundry shall be limited to particulate matter emissions of ~~no~~ **not** greater than sixteen-hundredths (0.16) g/dscm (seven-hundredths (0.07) grain/dscf).

(f) Glass container manufacturing furnace operations shall be limited to particulate matter emissions of ~~no~~ **not** greater than one (1.0) gram per two (2.0) kilograms of process material (one (1.0) pound per ton).

(g) Mineral aggregate operations, where the process is totally enclosed, shall comply with the requirements in subsection (a). In addition, [326 IAC 2](#), [326 IAC 5-1](#), and [326 IAC 6-4](#) shall apply in all cases to mineral aggregate operations.

(h) Surface coating, reinforced plastics composites fabricating manufacturing processes, and graphic arts manufacturing processes shall be controlled by a dry particulate filter, waterwash, or an equivalent control device, subject to the following:

(1) The source shall operate the control device in accordance with manufacturer's specifications.

(2) If overspray is visibly detected at the exhaust or accumulates on the ground, the source shall inspect the control device and do either of the following no later than four (4) hours after such observation:

(A) Repair control device so that no overspray is visibly detectable at the exhaust or accumulates on the ground.

(B) Operate equipment so that no overspray is visibly detectable at the exhaust or accumulates on the ground.

If overspray is visibly detected, the source shall maintain a record of the action taken as a result of the inspection, any repairs of the control device, or change in operations, so that overspray is not visibly detected at the exhaust or accumulates on the ground. These records must be maintained for five (5) years.

(3) A source is exempt from subdivision (2) if it operates according to a valid permit under:

(A) [326 IAC 2-7](#);

(B) [326 IAC 2-8](#); or

(C) [326 IAC 2-9](#).

(4) Surface coating manufacturing processes that use less than five (5) gallons of coating per day are exempt from the work practice standards in subdivisions (1) and (2). At any time the coating application rate increases to greater than five (5) gallons per day, control devices must be in place. A manufacturing process that is subject to this subsection shall remain subject to it notwithstanding any subsequent decrease in gallons of coating used.

~~(h)~~ (i) Based on modeling analyses available to the commissioner, where it is determined that the limitations in subsections (a) through (g) are not adequate to achieve and maintain the ambient particulate air quality standards established by [326 IAC 1-3](#), the limitations set forth in this section may be changed for facilities:

(1) having a significant impact on air quality and located in areas where the ambient particulate standard either is not attained or will not be maintained without emission limitations in addition to those set forth in this rule; and

(2) required to comply with the prevention of significant deterioration requirements of [326 IAC 2](#).

These limitations shall be established in construction and operation permits issued in accordance with the procedures set forth in [326 IAC 2](#).

~~(i)~~ (j) If the emission limitations established in subsections (a) through (g) for facilities that were operating or under construction on August 7, 1980, impose a severe economic hardship on any individual source, then the source may petition the commissioner for reconsideration of the limitations. If the source can demonstrate to the commissioner's satisfaction that a severe hardship will be caused if the applicable requirements in this section are enforced, then less restrictive emission limitations may be established by the commissioner, provided the less restrictive limitations will guarantee the attainment and maintenance of the particulate ambient air quality standards established by [326 IAC 1-3](#).

(Air Pollution Control Board; [326 IAC 6.5-1-2](#); filed Aug 10, 2005, 1:00 p.m.: 28 IR 3455)

SECTION 4. [326 IAC 6.5-1-5](#) IS AMENDED TO READ AS FOLLOWS:

[326 IAC 6.5-1-5](#) Control strategies

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 5. (a) For existing sources, the following shall apply:

(1) Whenever emission limitations set forth in [326 IAC 6.5-2](#) through [326 IAC 6.5-10](#) are revised and established under section ~~2(h)~~ and 2(i) and 2(j) of this rule, the revisions shall be submitted to U.S. EPA for approval as part of Indiana's SIP.

(2) If a permit issued by the commissioner, under this article, contains emission limitations more stringent than the limitations set forth in [326 IAC 6.5-2](#) through [326 IAC 6.5-10](#), then the emission limitations set forth in the permit shall supersede and replace the corresponding limitations in [326 IAC 6.5-2](#) through [326 IAC 6.5-10](#).

(b) For new sources, emission limitations and any revisions to emission limitations shall be established as conditions in permits.

(c) Upon issuance, the permits in subsection (b) shall be submitted to U.S. EPA for review, and the emission limitations contained in the permits shall be submitted as SIP revisions.

(d) In [326 IAC 6.5-2](#) through [326 IAC 6.5-10](#), where there are two (2) emission limits listed for a particular source or facility, the source or facility shall be required to comply with both limits.

(Air Pollution Control Board; [326 IAC 6.5-1-5](#); filed Aug 10, 2005, 1:00 p.m.: 28 IR 3457)

SECTION 5. [326 IAC 6.5-1-6](#) IS AMENDED TO READ AS FOLLOWS:

[326 IAC 6.5-1-6](#) State implementation plan revisions

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 6. Any exemptions given or provisions granted under this article by the commissioner in sections 2(a), 2(g), ~~through 2(i), 2(j)~~, 4, and 5 of this rule shall be submitted to U.S. EPA as revisions to the SIP.

(Air Pollution Control Board; [326 IAC 6.5-1-6](#); filed Aug 10, 2005, 1:00 p.m.: 28 IR 3457)

SECTION 6. [326 IAC 6.8-1-1](#) IS AMENDED TO READ AS FOLLOWS:

[326 IAC 6.8-1-1](#) Applicability

Authority: [IC 13-14-8](#); [IC 13-17](#)

Affected: [IC 13-15](#)

Sec. 1. (a) Except as provided in ~~subsection~~ **subsections (b) and (c)**, sources or facilities located in Lake County shall comply with the following emission limits and meet the requirements in [326 IAC 6.8-2](#), [326 IAC 6.8-4](#), [326 IAC 6.8-5](#), **and** [326 IAC 6.8-8](#) ~~[326 IAC 6.8-9](#), [326 IAC 6.8-10](#), and through [326 IAC 6.8-11](#)~~:

(1) [326 IAC 6.8-4](#), [326 IAC 6.8-5](#), **and** [326 IAC 6.8-8](#) ~~[326 IAC 6.8-9](#), [326 IAC 6.8-10](#), and through [326 IAC 6.8-11](#)~~ if the source or facility is specifically listed in [326 IAC 6.8-4](#), [326 IAC 6.8-5](#), **and** [326 IAC 6.8-8](#) ~~[326 IAC 6.8-9](#), [326 IAC 6.8-10](#), and through [326 IAC 6.8-11](#)~~.

(2) Section 2 of this rule if the source or facility is not specifically listed but has:

(A) the potential to emit one hundred (100) tons or more; or

(B) actual emissions of ten (10) tons or more;

of particulate matter per year.

(b) Particulate limitations shall not be established for surface coating, reinforced plastics composites fabricating manufacturing processes, and graphic arts manufacturing processes that use the following:

(1) Dip coating.

(2) Roll coating.

(3) Flow coating.

(4) Brush coating.

(5) Less than five (5) gallons of coating per day.

~~(b)~~ **(c)** If the limitations in this article conflict with or are inconsistent with limitations established in [326 IAC 12](#), then the more stringent limitations shall apply.

(Air Pollution Control Board; [326 IAC 6.8-1-1](#); filed Aug 10, 2005, 1:00 p.m.: 28 IR 3503; filed Jan 23, 2008, 1:44 p.m.: [20080220-IR-326040279FRA](#))

SECTION 7. [326 IAC 6.8-1-2](#) IS AMENDED TO READ AS FOLLOWS:

[326 IAC 6.8-1-2](#) Particulate emission limitations; modification by commissioner

Authority: [IC 13-14-8](#); [IC 13-17](#)

Affected: [IC 13-15](#)

Sec. 2. (a) Particulate matter emissions from facilities constructed after applicable dates in subsections (c) and (d) or not limited by subsection (b), (e), (f), ~~or~~ (g), **or (h)** shall not exceed seven-hundredths (0.07) gram per dry standard cubic meter (g/dscm) (three-hundredths (0.03) grain per dry standard cubic foot (dscf)).

(b) Fuel combustion steam generators are limited to the following particulate matter emissions limitations:

(1) For solid fuel-fired generators that have:

(A) greater than sixty-three million (63,000,000) kilocalories (kcal) per hour heat input (two hundred fifty million (250,000,000) Btu), a particulate matter content of ~~no~~ **not** greater than eighteen-hundredths (0.18) gram per million calories (one-tenth (0.10) pound per million Btu);

(B) equal to or greater than six million three hundred thousand (6,300,000) kcal per hour heat input, but less than or equal to sixty-three million (63,000,000) kcal per hour heat input (equal to or greater than twenty-five million (25,000,000) Btu, but less than or equal to two hundred fifty million (250,000,000) Btu), a particulate matter content of ~~no~~ **not** greater than sixty-three hundredths (0.63) gram per million calories (thirty-five hundredths (0.35) pound per million Btu); or

(C) less than six million three hundred thousand (6,300,000) kcal per hour heat input (twenty-five million (25,000,000) Btu), a particulate matter content of ~~no~~ **not** greater than one and eight-hundredths (1.08) grams per million calories (six-tenths (0.6) pound per million Btu).

(2) For all liquid fuel-fired steam generators, a particulate matter content of ~~no~~ **not** greater than twenty-seven hundredths (0.27) gram per million kcal (fifteen-hundredths (0.15) pound per million Btu).

(3) For all gaseous fuel-fired steam generators, a particulate matter content of ~~no~~ **not** greater than one-hundredth (0.01) grain per dry standard cubic foot (dscf).

(c) Asphalt concrete plants **are limited to particulate matter emissions of not greater than two hundred thirty (230) mg per dscm (one-tenth (0.1) grain per dscf)**, if in existence on or before June 11, 1973, and consisting of, but not limited to:

(1) driers;

(2) systems for:

(A) screening, handling, storing, and weighing hot aggregate;

(B) loading, transferring, and storing mineral filler;

(C) mixing asphalt concrete; and

(3) the loading, transfer, and storage systems associated with emission control systems.

~~are limited to particulate matter emissions of no greater than two hundred thirty (230) mg per dscm (one-tenth (0.1) grain per dscf).~~

(d) The following are the requirements for grain elevators:

(1) For grain elevators that began construction or modification before January 13, 1977, any grain storage elevator located at any grain processing source that has a permanent grain storage capacity of thirty-five thousand two hundred (35,200) cubic meters (one million (1,000,000) U.S. bushels) or more, and any grain terminal elevator that has a permanent grain storage capacity of eighty-eight thousand one hundred (88,100) cubic meters (two million five hundred thousand (2,500,000) U.S. bushels) or more shall be limited to particulate matter emissions of ~~no~~ **not** greater than seven-hundredths (0.07) g/dscm (three-hundredths (0.03) grain per dscf).

(2) All grain elevators subject to this article shall provide for housekeeping and maintenance procedures that minimize the opportunity for particulate matter to become airborne and leave the property, such as the following:

(A) Housekeeping practices shall be conducted as follows:

(i) Areas to be swept and maintained shall include, at a minimum, the following:

(AA) General grounds, yard, and other open areas.

(BB) Floors, decks, hopper areas, loading areas, dust collectors, and all areas of dust or waste concentrations.

(CC) Grain driers with respect to accumulated particulate matter.

(ii) Cleanings and other collected waste material shall be handled and disposed of so that the area does not generate fugitive dust.

(iii) Dust from driveways, access roads, and other areas of travel shall be controlled.

(iv) Accidental spills and other accumulations shall be cleaned up as soon as possible but no later than completion of the day's operation.

(B) Equipment maintenance shall consist of procedures that eliminate or minimize emissions from equipment or a system caused by the following:

(i) Malfunctions.

- (ii) Breakdowns.
- (iii) Improper adjustment.
- (iv) Operating above the rated or designed capacity.
- (v) Not following designed operating specifications.
- (vi) Lack of good preventive maintenance care.
- (vii) Lack of critical and proper spare replacement parts on hand.
- (viii) Lack of properly trained and experienced personnel.
- (C) Emissions from the affected areas, operations, equipment, and systems shall not exceed twenty percent (20%) opacity as determined under [326 IAC 5-1](#).

(e) Gray iron foundries shall be limited to the following:

- (1) Any cupola of a gray iron foundry shall be limited to particulate matter emissions of ~~no~~ **not** greater than thirty-four hundredths (0.34) g/dscm (fifteen-hundredths (0.15) grain/dscf).
- (2) Any melting process, excluding any cupola, of a gray iron foundry shall be limited to particulate matter emissions of ~~no~~ **not** greater than sixteen-hundredths (0.16) g/dscm (seven-hundredths (0.07) grain/dscf).

(f) Glass container manufacturing furnace operations shall be limited to particulate matter emissions of ~~no~~ **not** greater than one (1.0) gram per two (2.0) kilograms of process material (one (1.0) pound per ton).

(g) Mineral aggregate operations, where the process is totally enclosed, shall comply with the requirements in subsection (a). In addition, [326 IAC 2](#), [326 IAC 5-1](#), and [326 IAC 6-4](#) shall apply in all cases to mineral aggregate operations.

(h) Surface coating, reinforced plastics composites fabricating manufacturing processes, and graphic arts manufacturing processes shall be controlled by a dry particulate filter, waterwash, or an equivalent control device, subject to the following:

(1) The source shall operate the control device in accordance with manufacturer's specifications.

(2) If overspray is visibly detected at the exhaust or accumulates on the ground, the source shall inspect the control device and do either of the following no later than four (4) hours after such observation:

(A) Repair control device so that no overspray is visibly detectable at the exhaust or accumulates on the ground.

(B) Operate equipment so that no overspray is visibly detectable at the exhaust or accumulates on the ground.

If overspray is visibly detected, the source shall maintain a record of the action taken as a result of the inspection, any repairs of the control device, or change in operations, so that overspray is not visibly detected at the exhaust or accumulates on the ground. These records must be maintained for five (5) years.

(3) A source is exempt from subdivision (2) if it operates according to a valid permit under:

(A) [326 IAC 2-7](#);

(B) [326 IAC 2-8](#); or

(C) [326 IAC 2-9](#).

(4) Surface coating manufacturing processes that use less than five (5) gallons of coating per day are exempt from the work practice standards in subdivisions (1) and (2). At any time the coating application rate increases to greater than five (5) gallons per day, control devices must be in place. A manufacturing process that is subject to this subsection shall remain subject to it notwithstanding any subsequent decrease in gallons of coating used.

~~(h)~~ **(i) Based on modeling analyses available to the commissioner, where it is determined that the limitations in subsections (a) through (g) are not adequate to achieve and maintain the ambient particulate air quality standards established by [326 IAC 1-3](#), the limitations set forth in this section may be changed for facilities:**

(1) having a significant impact on air quality and located in areas where the ambient particulate standard either is not attained or will not be maintained without emission limitations in addition to those set forth in this section; and

(2) required to comply with the prevention of significant deterioration requirements of [326 IAC 2](#).

These limitations shall be established in construction and operation permits issued in accordance with the procedures set forth in [326 IAC 2](#).

(i) (j) If the emission limitations established in subsections (a) through (g) for facilities that were operating or under construction on August 7, 1980, impose a severe economic hardship on any individual source, then the source may petition the commissioner for reconsideration of the limitations. If the source can demonstrate to the commissioner's satisfaction that a severe hardship will be caused if the applicable requirements in this rule are enforced, then less restrictive emission limitations may be established by the commissioner, provided the less restrictive limitations will guarantee the attainment and maintenance of the particulate ambient air quality standards established by [326 IAC 1-3](#).

(Air Pollution Control Board; [326 IAC 6.8-1-2](#); filed Aug 10, 2005, 1:00 p.m.: 28 IR 3504)

SECTION 8. [326 IAC 6.8-1-5](#) IS AMENDED TO READ AS FOLLOWS:

[326 IAC 6.8-1-5](#) Control strategies

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 5. (a) For existing sources, the following shall apply:

(1) Whenever emission limitations set forth in [326 IAC 6.8-2](#), [326 IAC 6.8-4](#), [326 IAC 6.8-5](#), and [326 IAC 6.8-8](#) through [326 IAC 6.8-10](#) are revised and established under section ~~2(h)~~ and 2(i) and **2(j)** of this rule, the revisions shall be submitted to U.S. EPA for approval as part of Indiana's SIP.

(2) If a permit issued by the commissioner, under this article, contains emission limitations more stringent than the limitations set forth in [326 IAC 6.8-2](#), [326 IAC 6.8-4](#), [326 IAC 6.8-5](#), and [326 IAC 6.8-8](#) through [326 IAC 6.8-10](#), then the emission limitations set forth in the permit shall supersede and replace the corresponding limitations in [326 IAC 6.8-2](#), [326 IAC 6.8-4](#), [326 IAC 6.8-5](#), and [326 IAC 6.8-8](#) through [326 IAC 6.8-10](#).

(b) For new sources:

(1) emission limitations; and

(2) any revisions to emission limitations;

shall be established as conditions in permits.

(c) Upon issuance, the:

(1) permits in subsection (b) shall be submitted to U.S. EPA for review; and

(2) emission limitations contained in the permits shall be submitted as SIP revisions.

(d) In this article where there are two (2) emission limits listed for a particular source or facility, the source or facility shall be required to comply with both limits.

(Air Pollution Control Board; [326 IAC 6.8-1-5](#); filed Aug 10, 2005, 1:00 p.m.: 28 IR 3506; filed Jan 23, 2008, 1:44 p.m.: [20080220-IR-326040279FRA](#))

SECTION 9. [326 IAC 6.8-1-6](#) IS AMENDED TO READ AS FOLLOWS:

[326 IAC 6.8-1-6](#) State implementation plan revisions

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 6. Any exemptions given or provisions granted under this article by the commissioner in sections 2(a), 2(g), ~~through 2(i)~~, **2(j)**, 4, and 5 of this rule shall be submitted to U.S. EPA as revisions to the SIP.

(Air Pollution Control Board; [326 IAC 6.8-1-6](#); filed Aug 10, 2005, 1:00 p.m.: 28 IR 3506)

[Notice of Public Hearing](#)

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